

FC 721 PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE
(Rev. 12-2004)

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

8861-515US(P31937-02)

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/521876

INTERNATIONAL APPLICATION NO.

PCT/JP2003/009844

INTERNATIONAL FILING DATE

01 August 2003 (01.08.2003)

PRIORITY DATE CLAIMED

07 August 2002 (07.08.2002)

TITLE OF INVENTION

Induction Heating Apparatus

APPLICANT(S) FOR DO/EO/US

Akira KATAOKA, et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto. 42 Pages
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☒ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☒ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

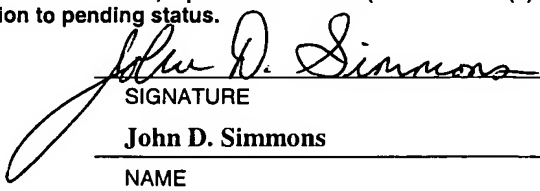
13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. EV553431916US
23. ☒ Other items or information:

Formal Drawings: 9 Sheets

PCT Publication Cover Sheet: WO 2004/016047 A1

Assignee for Publication: Matsushita Electric Industrial Co., Ltd.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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| U.S. APPLICATION NO (if known, see 37 CFR 1.5) 10/521876 | | INTERNATIONAL APPLICATION NO. PCT/JP2003/009844 | | ATTORNEY'S DOCKET NUMBER 8861-515US(P31937-02) | |
| 24. The following fees are submitted: | | | | Applicant use | Office use |
| <input checked="" type="checkbox"/> a) Basic national fee \$300.00 | | | | \$ 300.00 | |
| <input checked="" type="checkbox"/> b) Examination fee \$200.00 | | | | \$ 200.00 | |
| <input checked="" type="checkbox"/> c) Search fee \$500.00 | | | | \$ 500.00 | |
| TOTAL OF ABOVE CALCULATIONS = \$1000.00 | | | | \$ 1,000.00 | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole) | | RATE | |
| - 100 = | /50 = | | | x \$250.00 | \$ 0.00 |
| Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | \$ | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total claims | 14 - 20 = | 0 | x \$50.00 | \$ 0.00 | |
| Independent claims | 6 - 3 = | 3 | x \$200.00 | \$ 600.00 | |
| MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00 | | | | \$ 0.00 | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ 1,600.00 | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | \$ 0.00 | |
| SUBTOTAL = | | | | \$ 1,600.00 | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | \$ 0.00 | |
| TOTAL NATIONAL FEE = | | | | \$ 1,600.00 | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + | | | | \$ 0.00 | |
| TOTAL FEES ENCLOSED = | | | | \$ 1,600.00 | |
| Amount to be refunded: | | | | | \$ |
| Amount to be charged: | | | | | \$ |
| a. <input checked="" type="checkbox"/> A check in the amount of \$ \$1,600.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is _____ c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1017 . A duplicate copy of this sheet is enclosed. (208861.0515) d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. | | | | | |
| SEND ALL CORRESPONDENCE TO: | | | | | |
| John D. Simmons AKIN GUMP STRAUSS HAUER & FELD, LLP One Commerce Square, Suite 2200 2005 Market Street Philadelphia, PA 19103-7013 Telephone: 215.965.1268 / Fax: 215.965.1210 | | | | | |
|  SIGNATURE John D. Simmons NAME 52,225 REGISTRATION NUMBER | | | | | |

INTERNATIONAL APPLICATION
TRANSLATION CERTIFICATE

I, the below named verifier, hereby certify that:

(1) My name and post office address are as stated below;

(2) I am knowledgeable in the English language and in the language in which the below identified International Application was filed; and that

(3) I believe the attached is a full, true and faithful translation into the English language of the

[X] Amendment under PCT Article 19(1)

[X] Explanation in accordance with Article 19(1) of the Convention

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of International Application PCT/JP03/09844, filed 1 August 2003 under the Patent Cooperation Treaty.

I declare further that all statements made herein on personal knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signed this 14th day of January, 2005.

Full name of verifier Hidehiro TOKUYAMA

Signature of verifier 徳山英浩

Post Office Address 48-43-202, Nishifunahashi 2-chome

Hirakata-shi, Osaka 573-1122 Japan

INTERNATIONAL APPLICATION
TRANSLATION CERTIFICATE

I, the below named verifier, hereby certify that:

(1) My name and post office address are as stated below;

(2) I am knowledgeable in the English language and in the language in which the below identified International Application was filed; and that

(3) I believe the attached is a full, true and faithful translation into the English language of the

[X] Amendment under PCT Article 34(2)(b)

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of International Application PCT/JP03/09844, filed 1 August 2003 under the Patent Cooperation Treaty.

I declare further that all statements made herein on personal knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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Signature of verifier 徳山 英浩

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